

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims**

1. (Canceled)

2. (Currently Amended) A medical material comprising:

a base material,

a diamond-like carbon film formed on a surface of said base material, and

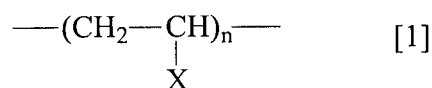
a biocompatible component covalently bonded to a surface of the diamond-like carbon film,

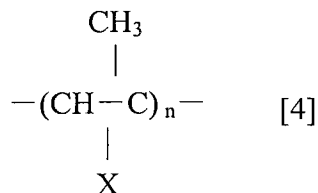
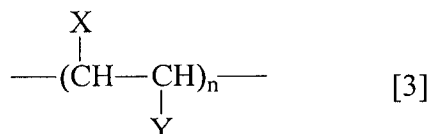
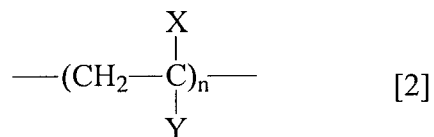
wherein said biocompatible component is a polymer chain,

one end of the polymer chain is covalently bonded to the surface of the diamond-like carbon film, [[and]]

the biocompatible component and the surface of the diamond-like carbon film are bonded to each other without a linker, and

the polymer chain has a structure represented by any one of the following formulas ~~{1}~~  
~~{3}~~: [1]-[4]:





wherein X and Y are each an ester or amido, and X and Y when in the same molecule are identical or different from one another, and  
n is an integer equal to or more than 2.

3-8. **(Canceled)**

9. **(Original)** The medical material of claim 2, wherein an intermediate layer is provided between the base material and the diamond-like carbon film to improve adhesion between the base material and the diamond-like carbon film.

10. **(Original)** The medical material of claim 9, wherein the intermediate layer is an amorphous film containing silicon and carbon as primary constituents.

11. **(Canceled)**

12. **(Previously Presented)** The medical material of claim 2, wherein the base material is a metal material, ceramic material, or macromolecular material, or a complex thereof.

13. **(Previously Presented)** A medical instrument formed by using the medical material of claim 2.

14. **(Original)** The medical instrument of claim 13, wherein the medical instrument is a medical instrument which is to be embedded in a living body.

15. **(Original)** The medical instrument of claim 14, wherein the medical instrument is a catheter, guide wire, stent, artificial cardiovalvular membrane, or artificial joint.

16-27. **(Canceled)**

28. **(Previously Presented)** The medical material of claim 2, wherein the biocompatible component is a polymer of hydrophilic 2-hydroxypropyl methacryl amide.

29-30. **(Canceled)**

31. **(New)** The medical material of claim 2, wherein a carbon atom of one end of the polymer chain and a carbon atom of the diamond-like carbon film are directly bonded to each other.

32. **(New)** A medical material comprising:  
a base material,

a diamond-like carbon film formed on a surface of said base material, and  
a biocompatible component covalently bonded to a surface of the diamond-like carbon film,  
wherein the polymer chain and the surface of the diamond-like carbon film are bonded to each other without a linker.

33. (New) The medical material of claim 32, wherein a carbon atom of one end of the polymer chain and a carbon atom of the diamond-like carbon film are directly bonded to each other.

34. (New) A medical material comprising:  
a base material,  
a diamond-like carbon film formed on a surface of said base material, and  
a biocompatible component covalently bonded to a surface of the diamond-like carbon film,  
wherein the diamond-like carbon film has oxygen atoms bonded to carbon atoms of the diamond-like carbon film, and  
a part of the oxygen atoms is included in a hydroxyl group and another part of the oxygen atoms except the hydroxyl group are bonded to the biocompatible component.